

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
MATERIALS CONTROL, SOILS AND TESTING DIVISION

MATERIALS PROCEDURE

CERTIFICATION OF FABRICATORS OF CORROSION RESISTANT COATED
DOWEL BARS IN BASKET ASSEMBLY

- 1.0 PURPOSE
- 1.1 To establish a procedure for Certification of Fabricators of corrosion resistant coated dowel bars in basket assembly, to set forth conditions for certification and to establish inspection and procedures for certified fabricators.
- 2.0 SCOPE
- 2.1 This procedure shall apply to fabricators of corrosion resistant coated dowel bars in basket assembly who furnish material to projects and purchase orders.
- 3.0 SPECIFICATIONS
- 3.1 The coated dowel bars in basket assembly shall meet the requirements of Section 709.15 of West Virginia Division of Highways Standard Specifications for Road and Bridges as amended by the Supplemental Specifications.
- 4.0 DOCUMENTATION OF CERTIFIED COATER
- 4.1 The fabricator shall obtain the following information from the certified coater.
 - 4.1.1 Source of Steel
 - 4.1.2 WV Laboratory Number for the Steel
 - 4.1.3 Source of Coating
 - 4.1.4 Type of Coating
 - 4.1.5 WV Laboratory Number for the Coating

- 4.1.6 Dry Film Thickness of the Coating
- 4.1.7 Total Number of Lineal Meters
- 5.0 WORKMANSHIP
- 5.1 The load transfer unit shall be made in accordance with West Virginia Division of Highways Standard Detail Sheet.
- 5.2 The fabricator shall inspect the coating for the following items.
 - 5.2.1 Saw cut ends of the dowel shall be free of burrs and projections.
 - 5.2.2 Flaws, such as perforations, cracks and holidays.
 - 5.2.3 Damage from welding or mechanical fixation shall not extend more than 26 millimeters from the weld or point of fixation.
- 6.0 DIVISION SAMPLING AND TESTING
- 6.1 The Division may obtain samples at the fabricator's shop and/or at the project site to insure specifications compliance.
- 6.2 If for any reason a plant fails to meet the requirements as set forth above, the plant will be removed from the approved status until such time as corrective action is taken to meet the acceptance criteria.
- 7.0 DOCUMENTATION
- 7.1 The fabricator will submit the information contained on attachment #1 with each shipment. Two copies will be required. One copy is sent with the shipment to the project; the other is sent to the Materials Division.

- 7.2 Upon receipt of the coated dowel bars in basket assembly from a certified source, coverage will be obtained by entering on Form HL-440 the laboratory number for that source which is found on the list of approved suppliers.



Gary L. Robson, Director
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and Testing Division

GLR:d
Attachment

COATED DOWEL BARS IN BASKET ASSEMBLY

PROJECT:

FABRICATOR:

LOCATION:

SOURCE OF STEEL BARS:

WV LABORATORY APPROVAL NO.

SOURCE OF STEEL WIRE:

WV LABORATORY APPROVAL NO.

COATER:

LOCATION:

SOURCE OF COATING:

WV LABORATORY APPROVAL NUMBER:

QUANTITY OF BASKET ASSEMBLIES

NO. OF LINEAL METERS

SHIPPED TO:

DATE SHIPPED:

SIGNED _____

DATE _____